

1119-10CON-PCT.ST25
SEQUENCE LISTING

<110> The Rockefeller University
<120> Anti-MicroRNA Oligonucleotide Molecules
<130> 1119-10 CON/PCT
<140> unknown
<141> 2005-02-11
<150> US 10/845,057
<151> 2004-05-13
<150> US 10/778,908
<151> 2004-02-13
<160> 623
<170> PatentIn version 3.1
<210> 1
<211> 22
<212> RNA
<213> Homo sapiens
<400> 1
aaccgcuaga uccgaacuug ug 22

<210> 2
<211> 22
<212> RNA
<213> Homo sapiens
<400> 2
agcagcauug uacagggcuà ug 22

<210> 3
<211> 22
<212> RNA
<213> Homo sapiens
<400> 3
ucaaaugcuc agacuccugu gg 22

<210> 4
<211> 22
<212> RNA
<213> Homo sapiens
<400> 4
aaaagugcuu acagugcagg ua 22

<210> 5
<211> 22
<212> RNA
<213> Homo sapiens
<400> 5
uaaagugcug acagugcaga ua 22

1119-10CON-PCT.ST25

<210> 6
<211> 22
<212> RNA
<213> Homo sapiens

<400> 6
agcagcauug uacagggcua uc 22

<210> 7
<211> 22
<212> RNA
<213> Homo sapiens

<400> 7
uaccuguag aaccgaauuu gu 22

<210> 8
<211> 22
<212> RNA
<213> Homo sapiens

<400> 8
ucacagugaa ccggucucu uc 22

<210> 9
<211> 22
<212> RNA
<213> Homo sapiens

<400> 9
cagugcaaug augaaagggc au 22

<210> 10
<211> 22
<212> RNA
<213> Homo sapiens

<400> 10
uaccacaggg uagaaccacg ga 22

<210> 11
<211> 22
<212> RNA
<213> Homo sapiens

<400> 11
cccauaaagu agaaagcacu ac 22

<210> 12
<211> 22
<212> RNA
<213> Homo sapiens

<400> 12
ucgaggagcu cacagucuag ua 22

1119-10CON-PCT.ST25

<210> 13
<211> 22
<212> RNA
<213> Homo sapiens

<400> 13
uuaaugcuaa ucgugauagg gg

22

<210> 14
<211> 22
<212> RNA
<213> Homo sapiens

<400> 14
aacaucaac gcugucggug ag

22

<210> 15
<211> 22
<212> RNA
<213> Homo sapiens

<400> 15
aacaucauu gcugucggug gg

22

<210> 16
<211> 22
<212> RNA
<213> Homo sapiens

<400> 16
aacaucaac cugucgguga gu

22

<210> 17
<211> 22
<212> RNA
<213> Homo sapiens

<400> 17
uuuggcaaug guagaacuca ca

22

<210> 18
<211> 22
<212> RNA
<213> Homo sapiens

<400> 18
uauggcacug guagaauuca cu

22

<210> 19
<211> 22
<212> RNA
<213> Homo sapiens

<400> 19
uggacggaga acugauaagg gu

22

1119-10CON-PCT.ST25

<210> 20
<211> 22
<212> RNA
<213> Homo sapiens

<400> 20
uggagagaaa ggcaguuccu ga 22

<210> 21
<211> 22
<212> RNA
<213> Homo sapiens

<400> 21
caaagaauuc uccuuuuggg cu 22

<210> 22
<211> 22
<212> RNA
<213> Homo sapiens

<400> 22
ucgugucuug uguugcagcc gg 22

<210> 23
<211> 22
<212> RNA
<213> Homo sapiens

<400> 23
cucccacaug caggguuugc ag 22

<210> 24
<211> 22
<212> RNA
<213> Homo sapiens

<400> 24
caucccuugc augguggagg gu 22

<210> 25
<211> 22
<212> RNA
<213> Homo sapiens

<400> 25
gugccuacug agcugauauc ag 22

<210> 26
<211> 22
<212> RNA
<213> Homo sapiens

<400> 26
ugauauguuu gauauuuag gu 22

<210> 27

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Homo sapiens

<400> 27
caacggauc ccaaaagcag cu

22

<210> 28
<211> 22
<212> RNA
<213> Homo sapiens

<400> 28
cugaccuaug aaugacagc ca

22

<210> 29
<211> 22
<212> RNA
<213> Homo sapiens

<400> 29
aacuggccua caaagucca gu

22

<210> 30
<211> 22
<212> RNA
<213> Homo sapiens

<400> 30
ugggucuuug cgggcaagau ga

22

<210> 31
<211> 22
<212> RNA
<213> Homo sapiens

<400> 31
uguaacagca acuccaugug ga

22

<210> 32
<211> 22
<212> RNA
<213> Homo sapiens

<400> 32
uagcagcaca gaaauauugg ca

22

<210> 33
<211> 22
<212> RNA
<213> Homo sapiens

<400> 33
uagguaguuu cauguuguug gg

22

<210> 34
<211> 22

1119-10CON-PCT.ST25

<212> RNA
<213> Homo sapiens
<400> 34
uucaccaccu ucuccaccca gc 22

<210> 35
<211> 22
<212> RNA
<213> Homo sapiens
<400> 35
gguccagagg ggagauaggu uc 22

<210> 36
<211> 22
<212> RNA
<213> Homo sapiens
<400> 36
acaguagucu gcacauuggu ua 22

<210> 37
<211> 22
<212> RNA
<213> Homo sapiens
<400> 37
cccaguguuc agacuaccug uu 22

<210> 38
<211> 22
<212> RNA
<213> Homo sapiens
<400> 38
cccaguguuu agacuaucug uu 22

<210> 39
<211> 22
<212> RNA
<213> Homo sapiens
<400> 39
uaacacuguc ugguaacgau gu 22

<210> 40
<211> 22
<212> RNA
<213> Homo sapiens
<400> 40
cucuaauacu gccugguaau ga 22

<210> 41
<211> 22
<212> RNA

1119-10CON-PCT.ST25

<213> Homo sapiens

<400> 41

aauacugccg gguaaugaug ga

22

<210> 42

<211> 22

<212> RNA

<213> Homo sapiens

<400> 42

gugaauguu uaggaccacu ag

22

<210> 43

<211> 22

<212> RNA

<213> Homo sapiens

<400> 43

uucccuugu cauccaugc cu

22

<210> 44

<211> 22

<212> RNA

<213> Homo sapiens

<400> 44

uccuucuu caccggaguc ug

22

<210> 45

<211> 22

<212> RNA

<213> Homo sapiens

<400> 45

uggaauguaa ggaagugugu gg

22

<210> 46

<211> 22

<212> RNA

<213> Homo sapiens

<400> 46

auaagacgag caaaaagcuu gu

22

<210> 47

<211> 22

<212> RNA

<213> Homo sapiens

<400> 47

cugugcgugu gacagcggu ga

22

<210> 48

<211> 22

<212> RNA

<213> Homo sapiens

1119-10CON-PCT.ST25

<400> 48
uucccuuugu cauccuucgc cu 22

<210> 49
<211> 22
<212> RNA
<213> Homo sapiens

<400> 49
uaacagucuc cagucacggc ca 22

<210> 50
<211> 22
<212> RNA
<213> Homo sapiens

<400> 50
accaucgacc guugauugua cc 22

<210> 51
<211> 22
<212> RNA
<213> Homo sapiens

<400> 51
acagcaggca cagacaggca gu 22

<210> 52
<211> 22
<212> RNA
<213> Homo sapiens

<400> 52
augaccuaug aaugacaga ca 22

<210> 53
<211> 22
<212> RNA
<213> Homo sapiens

<400> 53
uaaucucagc uggcaacugu ga 22

<210> 54
<211> 22
<212> RNA
<213> Homo sapiens

<400> 54
uacugcauca ggaacugauu gg 22

<210> 55
<211> 22
<212> RNA
<213> Homo sapiens

1119-10CON-PCT.ST25

<400> 55
uugugcuuga ucuaaccaug ug 22

<210> 56
<211> 22
<212> RNA
<213> Homo sapiens

<400> 56
ugauugucca aacgcaauuc uu 22

<210> 57
<211> 22
<212> RNA
<213> Homo sapiens

<400> 57
ccacaccgua ucugacacuu ug 22

<210> 58
<211> 22
<212> RNA
<213> Homo sapiens

<400> 58
agcuacauug ucugcugggu uu 22

<210> 59
<211> 22
<212> RNA
<213> Homo sapiens

<400> 59
agcuacauuc ggcuacuggg uc 22

<210> 60
<211> 22
<212> RNA
<213> Homo sapiens

<400> 60
ugucaguug ucaaauaccc ca 22

<210> 61
<211> 22
<212> RNA
<213> Homo sapiens

<400> 61
caagucacua gugguuccgu uu 22

<210> 62
<211> 22
<212> RNA
<213> Homo sapiens

<400> 62

1119-10CON-PCT.ST25

aaggagcuca cagucuauug ag

22

<210> 63
<211> 22
<212> RNA
<213> Homo sapiens

<400> 63
cucaaacugu gggggcacuu uc

22

<210> 64
<211> 22
<212> RNA
<213> Homo sapiens

<400> 64
agggcccccc cucaauccug uu

22

<210> 65
<211> 22
<212> RNA
<213> Homo sapiens

<400> 65
ugguuuaccg ucccacauac au

22

<210> 66
<211> 22
<212> RNA
<213> Homo sapiens

<400> 66
cagugcaaua guauugucaa ag

22

<210> 67
<211> 22
<212> RNA
<213> Homo sapiens

<400> 67
uaagugcuuc cauguuuugg ug

22

<210> 68
<211> 22
<212> RNA
<213> Homo sapiens

<400> 68
uguaaaacau cuugacugga ag

22

<210> 69
<211> 22
<212> RNA
<213> Homo sapiens

<400> 69
aaaagcuggg uugagagggc ga

22

1119-10CON-PCT.ST25

<210> 70
<211> 22
<212> RNA
<213> Homo sapiens

<400> 70
uaagccaggg auuguggguu cg 22

<210> 71
<211> 22
<212> RNA
<213> Homo sapiens

<400> 71
aaacaugaau ugcugcugua uc 22

<210> 72
<211> 22
<212> RNA
<213> Homo sapiens

<400> 72
gcacauuaca cggucgaccu cu 22

<210> 73
<211> 22
<212> RNA
<213> Homo sapiens

<400> 73
ccacugcccc aggugcugcu gg 22

<210> 74
<211> 22
<212> RNA
<213> Homo sapiens

<400> 74
cgcauceccu agggcauugg ug 22

<210> 75
<211> 22
<212> RNA
<213> Homo sapiens

<400> 75
ccucugggcc cuuccuccag cc 22

<210> 76
<211> 22
<212> RNA
<213> Homo sapiens

<400> 76
cuggcccuu cugcccuucc gu 22

1119-10CON-PCT.ST25

<210> 77
<211> 22
<212> RNA
<213> Homo sapiens

<400> 77
aacacaccca gcuaaccuuu uu 22

<210> 78
<211> 22
<212> RNA
<213> Homo sapiens

<400> 78
uggcaguguc uuagcugguu gu 22

<210> 79
<211> 22
<212> RNA
<213> Homo sapiens

<400> 79
aggcaguguc auuagcugau ug 22

<210> 80
<211> 22
<212> RNA
<213> Homo sapiens

<400> 80
aggcagugua guuagcugau ug 22

<210> 81
<211> 22
<212> RNA
<213> Homo sapiens

<400> 81
uauugcacuu guccccggccu gu 22

<210> 82
<211> 22
<212> RNA
<213> Homo sapiens

<400> 82
aaagugcugu ucgugcaggu ag 22

<210> 83
<211> 22
<212> RNA
<213> Homo sapiens

<400> 83
uucaacgggu auuuauugag ca 22

1119-10CON-PCT.ST25

<210> 84
<211> 22
<212> RNA
<213> Homo sapiens

<400> 84
uuuggcacua gcacauuuuu gc 22

<210> 85
<211> 22
<212> RNA
<213> Homo sapiens

<400> 85
ugagguagua aguuguauug uu 22

<210> 86
<211> 22
<212> RNA
<213> Mouse

<400> 86
caaagucua acagugcagg ua 22

<210> 87
<211> 22
<212> RNA
<213> Mouse

<400> 87
cccuguagaa ccgaauuugu gu 22

<210> 88
<211> 22
<212> RNA
<213> Mouse

<400> 88
uauuggcuuuu cauuccuaug ug 22

<210> 89
<211> 22
<212> RNA
<213> Mouse

<400> 89
ucagugcauc acagaacuuu gu 22

<210> 90
<211> 22
<212> RNA
<213> Mouse

<400> 90
cuagacugag gcuccuugag ga 22

<210> 91

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Mouse

<400> 91
uuaaugcuaa uugugauagg gg 22

<210> 92
<211> 22
<212> RNA
<213> Mouse

<400> 92
cccaguguuu agacuaccug uu 22

<210> 93
<211> 22
<212> RNA
<213> Mouse

<400> 93
uaauacugcc ugguaaugau ga 22

<210> 94
<211> 22
<212> RNA
<213> Mouse

<400> 94
ugaaauguuu aggaccacua ga 22

<210> 95
<211> 22
<212> RNA
<213> Mouse

<400> 95
uucccuugu cauccuugc cu 22

<210> 96
<211> 22
<212> RNA
<213> Mouse

<400> 96
uacugcauca ggaacugacu gg 22

<210> 97
<211> 22
<212> RNA
<213> Mouse

<400> 97
uaagucacua gugguuccgu uu 22

<210> 98
<211> 22

1119-10CON-PCT.ST25

<212> RNA
<213> Mouse

<400> 98
cacuagauug ugagcugcug ga 22

<210> 99
<211> 22
<212> RNA
<213> Mouse

<400> 99
cucaaacuau gggggcacuu uu 22

<210> 100
<211> 22
<212> RNA
<213> Mouse

<400> 100
aaagugcuuc cacuuugugu gc 22

<210> 101
<211> 22
<212> RNA
<213> Mouse

<400> 101
caucaaagug gagggccucu cu 22

<210> 102
<211> 22
<212> RNA
<213> Mouse

<400> 102
aagugccgcc agguuuugag ug 22

<210> 103
<211> 22
<212> RNA
<213> Mouse

<400> 103
acucaaacug ggggcucuuu ug 22

<210> 104
<211> 22
<212> RNA
<213> Mouse

<400> 104
agugccgcag aguuuguagu gu 22

<210> 105
<211> 22
<212> RNA

1119-10CON-PCT.ST25

<213> Mouse

<400> 105

aaagugcuuc cccuuugugu gu

22

<210> 106

<211> 22

<212> RNA

<213> Mouse

<400> 106

aaagugcuac uacuuuugag uc

22

<210> 107

<211> 22

<212> RNA

<213> Mouse

<400> 107

auguaugugu gcaugugcau gu

22

<210> 108

<211> 22

<212> RNA

<213> Mouse

<400> 108

ggcagaggag ggcuguucuu cc

22

<210> 109

<211> 22

<212> RNA

<213> Mouse

<400> 109

uaucaaggg caagcucucu uc

22

<210> 110

<211> 22

<212> RNA

<213> Mouse

<400> 110

aggcaaug cuggcauagc ug

22

<210> 111

<211> 22

<212> RNA

<213> Mouse

<400> 111

aaacaugaag cgcugcaaca cc

22

<210> 112

<211> 22

<212> RNA

<213> Mouse

1119-10CON-PCT.ST25

<400> 112
ccuaguaggu gcucaguaag ug 22

<210> 113
<211> 22
<212> RNA
<213> Mouse

<400> 113
ccucugggcc cuuccuccag uc 22

<210> 114
<211> 22
<212> RNA
<213> Mouse

<400> 114
gcaaagcaca gggccugcag ag 22

<210> 115
<211> 22
<212> RNA
<213> Mouse

<400> 115
gccccugggc cuauccuaga ac 22

<210> 116
<211> 22
<212> RNA
<213> Mouse

<400> 116
uucaguccu auaugaugcc uu 22

<210> 117
<211> 22
<212> RNA
<213> Mouse

<400> 117
uccagcauca gugauuuugu ug 22

<210> 118
<211> 22
<212> RNA
<213> Mouse

<400> 118
ucccuguccu ccaggagcuc ac 22

<210> 119
<211> 22
<212> RNA
<213> Mouse

1119-10CON-PCT.ST25

<400> 119
uccgucucag uuacuuuaua gc 22

<210> 120
<211> 22
<212> RNA
<213> Mouse

<400> 120
ucgaucgguc ggucggucag uc 22

<210> 121
<211> 22
<212> RNA
<213> Mouse

<400> 121
ucucacacag aaaucgcacc cg 22

<210> 122
<211> 22
<212> RNA
<213> Mouse

<400> 122
ugaucuagcc aaagccugac ug 22

<210> 123
<211> 22
<212> RNA
<213> Mouse

<400> 123
ugcugacccc uaguccagug cu 22

<210> 124
<211> 22
<212> RNA
<213> Mouse

<400> 124
ugucugcccg agugccugcc uc 22

<210> 125
<211> 22
<212> RNA
<213> Mouse

<400> 125
uaggcagugu aaauagcuga uu 22

<210> 126
<211> 22
<212> RNA
<213> Mouse

<400> 126

1119-10CON-PCT.ST25

uucacaaagc ccuacacuu uc

22

<210> 127
<211> 22
<212> RNA
<213> Mouse

<400> 127
uuccugagga gccuuugag cc

22

<210> 128
<211> 22
<212> RNA
<213> Mouse

<400> 128
uggaagacuu gugauuuugu ug

22

<210> 129
<211> 22
<212> RNA
<213> Mouse

<400> 129
uauugcacuu gucccggccu ga

22

<210> 130
<211> 22
<212> RNA
<213> Mouse

<400> 130
caaagugcug uucgugcagg ua

22

<210> 131
<211> 22
<212> RNA
<213> Rat

<400> 131
ccuugagggg caugaggua gu

22

<210> 132
<211> 22
<212> RNA
<213> Rat

<400> 132
guggugugcu aguuacuuuu gg

22

<210> 133
<211> 22
<212> RNA
<213> Rat

<400> 133
ucaagagcaa uaacgaaaaa ug

22

1119-10CON-PCT.ST25

<210> 134
<211> 22
<212> RNA
<213> Rat

<400> 134
ucacccuucc auaucuaguc uc 22

<210> 135
<211> 22
<212> RNA
<213> Rat

<400> 135
ucuccucgcg ugugcccagu au 22

<210> 136
<211> 22
<212> RNA
<213> Rat

<400> 136
uguccucug ggucgcccag cu 22

<210> 137
<211> 22
<212> RNA
<213> Rat

<400> 137
cagcccugcu gucuuaaccu cu 22

<210> 138
<211> 22
<212> RNA
<213> Rat

<400> 138
agaguaguag guugcauagu ac 22

<210> 139
<211> 22
<212> RNA
<213> Homo sapiens

<400> 139
uuaucagaau cuccaggggu ac 22

<210> 140
<211> 22
<212> RNA
<213> Homo sapiens

<400> 140
aauccuugga accuaggugu ga 22

1119-1OCON-PCT.ST25

<210> 141
<211> 22
<212> RNA
<213> Homo sapiens

<400> 141
auugcacggu auccaucugu aa 22

<210> 142
<211> 22
<212> RNA
<213> Homo sapiens

<400> 142
cggcggggac ggcgauuggu cc 22

<210> 143
<211> 22
<212> RNA
<213> Homo sapiens

<400> 143
uaaugccccc aaaaauccuu au 22

<210> 144
<211> 22
<212> RNA
<213> Homo sapiens

<400> 144
uaacugguug aacaacugaa cc 22

<210> 145
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 145
ugagguagua gguuguauag uu 22

<210> 146
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 146
ucccugagac cucaagugug ag 22

<210> 147
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 147
uggaauguaa agaaguaugu ag 22

1119-10CON-PCT.ST25

<210> 148
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 148
uaucaacagcc agcuuugaug ug 22

<210> 149
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 149
aggcagugug guuagcuggu ug 22

<210> 150
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 150
ucaccgggug gaaacuagca gu 22

<210> 151
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 151
ucaccgggug aaaaauucgca ug 22

<210> 152
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 152
ucaccgggug aacacuugca gu 22

<210> 153
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 153
ucaccgggag aaaaacugga gu 22

<210> 154
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 154
ucaccgggug uaaaucagcu ug 22

<210> 155

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 155
ucaccgggug uacaucagcu aa 22

<210> 156
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 156
ucaccgggug aaaaaucacc ua 22

<210> 157
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 157
caccggguua acaucuacag ag 22

<210> 158
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 158
uaucaaguu uacuugcugu cg 22

<210> 159
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 159
ugacuagaga cacauucagc uu 22

<210> 160
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 160
ugacuagaga cacauucagc uu 22

<210> 161
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 161
ugucauggag ucgcucucuu ca 22

<210> 162
<211> 22

1119-10CON-PCT.ST25

<212> RNA
<213> Caenorhabditis elegans

<400> 162
ugucauggag ggcucucuu ca 22

<210> 163
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 163
ugagguaggc ucaguagaug cg 22

<210> 164
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 164
aagcaccacg agaagcugca ga 22

<210> 165
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 165
ugauaugucu ggauuucuug gg 22

<210> 166
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 166
uacccguagc uccuauccau gu 22

<210> 167
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 167
cacccguaca uauguuuccg ug 22

<210> 168
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 168
cacccguaca uuuguuuccg ug 22

<210> 169
<211> 22
<212> RNA

1119-10CON-PCT.ST25

<213> Caenorhabditis elegans

<400> 169

uacccguaau cuucaaauc cg

22

<210> 170

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 170

uacccguaua aguuucugcu ga

22

<210> 171

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 171

uacccguaau guuuccgcug ag

22

<210> 172

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 172

uaccuguag aucgagcugu gu

22

<210> 173

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 173

ugagaucguu caguacggca au

22

<210> 174

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 174

ucgaucguu uaucaggaug au

22

<210> 175

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 175

uauuaugcac auuuucuagu uc

22

<210> 176

<211> 22

<212> RNA

<213> Caenorhabditis elegans

1119-10CON-PCT.ST2 5

<400> 176
ugacuagaac cguuacucau cu 22

<210> 177
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 177
ugauauguaa ucuagcuuac ag 22

<210> 178
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 178
augacacuga agcgaguugg aa 22

<210> 179
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 179
uugacacug aagcguuacc ga 22

<210> 180
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 180
uugacacug aagcguaacc ga 22

<210> 181
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 181
caugacacug auuagggauug ug 22

<210> 182
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 182
ucacaaccuc cuagaaagag ua 22

<210> 183
<211> 22
<212> RNA
<213> Caenorhabditis elegans

1119-10CON-PCT.ST25

<400> 183
ucgaagacuc aaaaguguag ac 22

<210> 184
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 184
ucgaaaauua aaaaguguag aa 22

<210> 185
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 185
uaauacgucg uugguguuuc ca 22

<210> 186
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 186
ugaaagacau gguagugaa cg 22

<210> 187
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 187
aggcaaug uggcaguagc ug 22

<210> 188
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 188
uggcaaug uaggcaguuc ag 22

<210> 189
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 189
uggcaagaaa uggcagucua ca 22

<210> 190
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 190

1119-10CON-PCT.ST25

uuaaagcuac caaccggcuu ca 22

<210> 191
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 191
uucguuguug augaagccuu ga 22

<210> 192
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 192
uucaucaggc cauagcuguc ca 22

<210> 193
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 193
uggaggccug guuguuugug cu 22

<210> 194
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 194
auaaagcuag guuaccaaag cu 22

<210> 195
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 195
agcuuucgac augauucuga ac 22

<210> 196
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 196
ugagaucauu aguugaaagc cg 22

<210> 197
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 197
ugagaucauc gugaaagcua gu 22

1119-10CON-PCT.ST25

<210> 198
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 198
ugagaucauc gugaaagcca gu 22

<210> 199
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 199
uagcaccaua uaaaauucagu aa 22

<210> 200
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 200
ugagguagua uguaauauug ua 22

<210> 201
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 201
uacaaaguau uugaaaaguc gu 22

<210> 202
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 202
uaagugaaug cuuugccaca gu 22

<210> 203
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 203
gugagcaaag uuucaggugu gc 22

<210> 204
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 204
ugauauguug uuugaaugcc cc 22

1119-10CON-PCT.ST25

<210> 205
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 205
uaaggcacgc ggugaaugcc ac 22

<210> 206
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 206
aauggcacug caugaauuca cg 22

<210> 207
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 207
aaugacacug guuauuuuu cc 22

<210> 208
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 208
guauuaguug ugcgaccagg ag 22

<210> 209
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 209
uaagcucgug aucaacaggc ag 22

<210> 210
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 210
uaaaugcauc uuaacugcgg ug 22

<210> 211
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 211
uugagcaug cgcaugugcg gg 22

1119-10CON-PCT.ST25

<210> 212
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 212
uuauugcucg agaauacccu uu 22

<210> 213
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 213
uauugcacuc uccccggccu ga 22

<210> 214
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 214
uaauacuguc agguaaugac gc 22

<210> 215
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 215
ucccugagaa uucucgaaca gc 22

<210> 216
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 216
uuuguacucc gaugccauuc ag 22

<210> 217
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 217
uuuguacuac acauagguac ug 22

<210> 218
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 218
uuuguacuac acaaaaguac ug 22

<210> 219

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 219
uacuggcccc caaaucuucg cu 22

<210> 220
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 220
ugagguaggu gcgagaaaug ac 22

<210> 221
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 221
uugcguaggc cuuugcuucg ag 22

<210> 222
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 222
cgguacgauc gcggcgggau au 22

<210> 223
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 223
ucuuugguug uacaaagugg ua 22

<210> 224
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 224
auuggucccc uccaaguagc uc 22

<210> 225
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 225
uuacauguuu cgguaggag cu 22

<210> 226
<211> 22

1119-10CON-PCT.ST25

<212> RNA
<213> Caenorhabditis elegans

<400> 226
ugacuagagc cuauucucuu cu 22

<210> 227
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 227
uacacgugca cggauaacgc uc 22

<210> 228
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 228
ucacaggacu uuugagcguu gc 22

<210> 229
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 229
ucacagucaa cuguuggcau gg 22

<210> 230
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 230
uuaaguagug gugccgcucu ua 22

<210> 231
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 231
uaaguaguag ugccgcaggu aa 22

<210> 232
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 232
cacaccucac uaacacugac ca 22

<210> 233
<211> 22
<212> RNA

1119-10CON-PCT.ST25

<213> Caenorhabditis elegans

<400> 233

ugcaaaucuu ucgcgacugu ag

22

<210> 234

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 234

uggaaugcau agaagacugu ac

22

<210> 235

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 235

gaguaucagg aguaccaggu ga

22

<210> 236

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 236

gguuuugaga ggaauccuuu ua

22

<210> 237

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 237

aguaaaucuc auccuaaucu gg

22

<210> 238

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 238

gugaugucga acucuuguag ga

22

<210> 239

<211> 22

<212> RNA

<213> Caenorhabditis elegans

<400> 239

uagcuuuuuu guuuucacgg ug

22

<210> 240

<211> 22

<212> RNA

<213> Caenorhabditis elegans

1119-10CON-PCT.ST25

<400> 240
guuucucgau guuuucugau ac 22

<210> 241
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 241
ggcggguggu uguuguuau gg 22

<210> 242
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 242
ugagggagga agggugguau uu 22

<210> 243
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 243
aggcaagacu uggcaaagc uu 22

<210> 244
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 244
cccgugaagu gucugcugca au 22

<210> 245
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 245
ggcaagaauu agaagcaguu ug 22

<210> 246
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 246
ggcaagacuc uggcaaaacu ug 22

<210> 247
<211> 22
<212> RNA
<213> Caenorhabditis elegans

1119-10CON-PCT.ST25

<400> 247
ggcaugaugu agcaguggag au _ 22

<210> 248
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 248
ucgccgggug ggaaagcauu cg 22

<210> 249
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 249
uguaggcaug gguguuugga ag 22

<210> 250
<211> 22
<212> RNA
<213> Caenorhabditis elegans

<400> 250
ugcccguacu gugucggcug cu 22

<210> 251
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 251
guuaauggca cuggaagaau uc 22

<210> 252
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 252
uggacggaga acugauaagg gc 22

<210> 253
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 253
uuuugugacc gacacuaacg gg 22

<210> 254
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 254

ucagguaccu gaaguagcgc gc 1119-10CON-PCT.ST25 22

<210> 255
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 255
cauugcacuu gucccggccu au 22

<210> 256
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 256
ugauugucca aacgcaauuc uu 22

<210> 257
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 257
uaggaacuuc auaccgugcu cu 22

<210> 258
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 258
uaaaugcacu aucugguacg ac 22

<210> 259
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 259
ucggugggac uuucguccgu uu 22

<210> 260
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 260
uugguucccu ucaaccagcu gu 22

<210> 261
<211> 22
<212> RNA
<213> *Drosophila melanogaster*

<400> 261
ugacuagauc cacacucauu aa 22

1119-10CON-PCT.ST25

<210> 262
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 262
aggugcauug uagucgcauu gu 22

<210> 263
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 263
uguauuuacg uugcauauga aa 22

<210> 264
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 264
ugucauggaa uugcucucuu ug 22

<210> 265
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 265
aaucaugccu cuacuaggcu uu 22

<210> 266
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 266
uaaaauaucag cugguaauuc ug 22

<210> 267
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 267
ugaagucagc aacuugauuc ca 22

<210> 268
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 268
uggcagugug guuagcuggu ug 22

1119-10CON-PCT.ST25

<210> 269
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 269
uaaggcacgc ggugaaugcc aa 22

<210> 270
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 270
uaaagcuaga uuaccaaagc au 22

<210> 271
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 271
uaggaacuua auaccgugcu cu 22

<210> 272
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 272
uugugcgugu gacagcggcu au 22

<210> 273
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 273
uagcaccauu cgaaauagc gc 22

<210> 274
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 274
uacccguaaa uccgaacuug ug 22

<210> 275
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 275
uauugcacua gucccggccu gc 22

1119-10CON-PCT.ST25

<210> 276
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 276
ugacuagacc gaacacucgu gc 22

<210> 277
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 277
uguguugaaa aucguuugca cg 22

<210> 278
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 278
uugagcaaaa uuucaggugu gu 22

<210> 279
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 279
cuuggcacug ggagaauuca ca 22

<210> 280
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 280
uuucaugucg auuucuuuc au 22

<210> 281
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 281
uaaaauuuua aguggagccu gc 22

<210> 282
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 282
ugagaucuu uugaaagcug au 22

<210> 283

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 283
uuuagguuuc acaggaaacu gg 22

<210> 284
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 284
uggcaaug ucggaauagc ug 22

<210> 285
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 285
uaaucucaau uuguaaaugu ga 22

<210> 286
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 286
auuguacuuc aucaggugcu cu 22

<210> 287
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 287
ucuuugguau ucuagcugua ga 22

<210> 288
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 288
ucagguacuu agugacucuc aa 22

<210> 289
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 289
ucuuugguga uuuuagcugu au 22

<210> 290
<211> 22

1119-10CON-PCT.ST25

<212> RNA
<213> Drosophila melanogaster

<400> 290
ucccugagac ccuaacuugu ga 22

<210> 291
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 291
ucacaaccuc cuugagugag cg 22

<210> 292
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 292
aaucacagga uuauacugug ag 22

<210> 293
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 293
uggcaagaug ucggc auagc ug 22

<210> 294
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 294
gcacugggua aaguuugucc ua 22

<210> 295
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 295
uauugcacac uucccgccu uu 22

<210> 296
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 296
uauugcacau ucaccggccu ga 22

<210> 297
<211> 22
<212> RNA

1119-10CON-PCT.ST25

<213> Drosophila melanogaster

<400> 297

uauugcacuu gagacggccu ga

22

<210> 298

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 298

uauugcacuu uucacagccc ga

22

<210> 299

<211> 21

<212> RNA

<213> Drosophila melanogaster

<400> 299

uauucgagcc aaauaguucg g

21

<210> 300

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 300

uuuugauugu ugcucagaaa gc

22

<210> 301

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 301

ugucuuuuuc cgcuuacugg cg

22

<210> 302

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 302

ugaacacagc uggugguauca ca

22

<210> 303

<211> 22

<212> RNA

<213> Drosophila melanogaster

<400> 303

ucacugggcu uuguuuauca ca

22

<210> 304

<211> 22

<212> RNA

<213> Drosophila melanogaster

1119-10CON-PCT.ST25

<400> 304
uaucaacagcc agcuuugaug gg 22

<210> 305
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 305
acguauacug aauguauccu ga 22

<210> 306
<211> 22
<212> RNA
<213> Drosophila melanogaster

<400> 306
cggauauaccu ucaguauacg ua 22

<210> 307
<211> 22
<212> RNA
<213> Artificial

<220>
<223> Anti-microRNA molecule

<400> 307
cacaaguucg gaucuacggg uu 22

<210> 308
<211> 22
<212> RNA
<213> Artificial

<220>
<223> Anti-microRNA molecule

<400> 308
cauagcccug uacaaugcug cu 22

<210> 309
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 309
ccacaggagu cugagcauuu ga 22

<210> 310
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 310
uaccugcacu gaaagcacuu uu 22

<210> 311
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 311
uauugcacu guagcacuu ua 22

<210> 312
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 312
gauagcccug uacaaugcug cu 22

<210> 313
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 313
acaaauucgg uucuacaggg ua 22

<210> 314
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 314
gaaagagacc gguucacugu ga 22

<210> 315
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 315

1119-10CON-PCT.ST25

augcccuuuc aucauugcac ug

22

<210> 316
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 316
uccgugguuc uaccugugg ua

22

<210> 317
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 317
guagugcuuu cuacuuuug gg

22

<210> 318
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 318
uacuagacug ugagcuccuc ga

22

<210> 319
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 319
ccccuacac gauuagcauu aa

22

<210> 320
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 320
cucaccgaca gcguugaau uu

22

<210> 321

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 321
cccaccgaca gcaaugaaug uu 22

<210> 322
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 322
acucaccgac agguugaaug uu 22

<210> 323
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 323
ugugaguucu accauugcca aa 22

<210> 324
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 324
agugaaauucu accagugcca ua 22

<210> 325
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 325
acccuauuca guucuccguc ca 22

<210> 326
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 326
ucaggaacug ccuuucucuc ca 22

<210> 327
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 327
agcccaaaag gagaauucuu ug 22

<210> 328
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 328
ccggcugcaa cacaagacac ga 22

<210> 329
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 329
cugcaaacc ugcauguggg ag 22

<210> 330
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 330
accuccacc augcaaggga ug 22

<210> 331
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 331

1119-10CON-PCT.ST25

cugauaucag cucaguaggc ac

22

<210> 332
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 332
accuaauaua ucaaacauau ca

22

<210> 333
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 333
agcugcuuuu gggauuccgu ug

22

<210> 334
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 334
uggcugucaa uucauagguc ag

22

<210> 335
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 335
acugggacuu uguaggccag uu

22

<210> 336
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 336
ucaucuugcc cgcaaagacc ca

22

<210> 337

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 337
uccacaugga guugcuguua ca

22

<210> 338
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 338
ugccaauauu ucugucugc ua

22

<210> 339
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 339
cccaacaaca ugaaacuacc ua

22

<210> 340
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 340
gcugggugga gaagguggug aa

22

<210> 341
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 341
gaaccuau cu cccucugga cc

22

<210> 342
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 342
uaaccaaugu gcagacuacu gu 22

<210> 343
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 343
aacagguagu cugaacacug gg 22

<210> 344
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 344
aacagauagu cuaaacacug gg 22

<210> 345
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 345
acaucguuac cagacagugu ua 22

<210> 346
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 346
ucauuaccag gcaguauuag ag 22

<210> 347
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 347

1119-10CON-PCT.ST25

uccaucuuu cccggcagua uu

22

<210> 348
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 348
cuaguggucc uaaacauuuc ac

22

<210> 349
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 349
aggcauagga ugacaaaggg aa

22

<210> 350
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 350
cagacuccgg uggaaugaag ga

22

<210> 351
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 351
ccacacacuu ccuacauuc ca

22

<210> 352
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 352
acaagcuuuu ugcucgucuu au

22

<210> 353

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 353
ucagccgcug ucaCacgcac ag 22

<210> 354
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 354
aggcgaagga ugaCaaaggg aa 22

<210> 355
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 355
uggccgugac uggagacugu ua 22

<210> 356
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 356
gguacaauca acggucgaug gu 22

<210> 357
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 357
acugccuguc ugugccugcu gu 22

<210> 358
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 358
ugucugucaa uucauagguc au 22

<210> 359
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 359
ucacaguugc cagcugagau ua 22

<210> 360
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 360
ccaaucauu ccugaugcag ua 22

<210> 361
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 361
cacaugguua gaucaagcac aa 22

<210> 362
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 362
aagaauugcg uuuggacaau ca 22

<210> 363
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 363

1119-10CON-PCT.ST25

caaaguguca gauacggugu gg

22

<210> 364
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 364
aaaccagca gacaauguag cu

22

<210> 365
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 365
gaccaguag ccagauguag cu

22

<210> 366
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 366
uggguauuu gacaaacuga ca

22

<210> 367
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 367
aaacggaacc acuagugacu ug

22

<210> 368
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 368
cucaauagac ugugagucc uu

22

<210> 369

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 369
gaaagugccc ccacaguuug ag 22

<210> 370
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 370
aacaggauug aggggggggcc cu 22

<210> 371
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 371
auguaugugg gacgguaaac ca 22

<210> 372
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 372
cuuugacaau acuauugcac ug 22

<210> 373
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 373
caccaaaaca uggaagcacu ua 22

<210> 374
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 374
cuuccaguca aggauguuua ca 22

<210> 375
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 375
ucgcccucuc aaccagcuu uu 22

<210> 376
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 376
cgaaccaca auccugcu ua 22

<210> 377
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 377
gauacagcag caaucaugu uu 22

<210> 378
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 378
agaggucgac cgugaaugu gc 22

<210> 379
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 379

1119-10CON-PCT.ST25

ccagcagcac cuggggcagu gg

22

<210> 380
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 380
caccaaugcc cuaggggaug cg

22

<210> 381
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 381
ggcuggagga agggcccaga gg

22

<210> 382
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 382
acggaagggc agagagggcc ag

22

<210> 383
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 383
aaaaagguua gcugggugug uu

22

<210> 384
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 384
acaaccagcu aagacacugc ca

22

<210> 385

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 385
caaucagcua augacacugc cu 22

<210> 386
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 386
caaucagcua acuacacugc cu 22

<210> 387
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 387
acaggccggg acaagugcaa ua 22

<210> 388
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 388
cuaccugcac gaacagcacu uu 22

<210> 389
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 389
ugcucaauaa auacccguug aa 22

<210> 390
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 390
gcaaaaaugu gcuagugcca aa 22

<210> 391
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 391
aacaauacaa cuuacuaccu ca 22

<210> 392
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 392
uaccugcacu guuagcacuu ug 22

<210> 393
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 393
acacaaauuc gguucuacag gg 22

<210> 394
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 394
cacauaggaa ugaaaagcca ua 22

<210> 395
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 395

1119-10CON-PCT.ST25

acaaaguucu gugaugcacu ga

22

<210> 396
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 396
uccucaagga gccucagucu ag

22

<210> 397
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 397
ccccuauac aauuagcauu aa

22

<210> 398
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 398
aacagguagu cuaaacacug gg

22

<210> 399
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 399
ucaucauuac caggcaguau ua

22

<210> 400
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 400
ucuagugguc cuaaacauuu ca

22

<210> 401

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 401
aggcaaagga ugacaaaggg aa 22

<210> 402
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 402
ccagucaguu ccgaugecag ua 22

<210> 403
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 403
aaacggaacc acuagugacu ua 22

<210> 404
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 404
uccagcagcu cacaauag ug 22

<210> 405
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 405
aaaagugccc ccuaguuug ag 22

<210> 406
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule
<400> 406
gcacacaaag uggaagcacu uu 22

<210> 407
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 407
agagagggcc uccacuuuga ug 22

<210> 408
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 408
cacuacaaac cuggcggcac uu 22

<210> 409
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 409
caaaagagcc cccaguuuga gu 22

<210> 410
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 410
acacuacaaa cucugcgga cu 22

<210> 411
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 411

1119-10CON-PCT.ST25

acacacaaaa gggaagcacu uu

22

<210> 412
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 412
gacucaaaag uaguagcacu uu

22

<210> 413
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 413
acaugcacau gcacacauac au

22

<210> 414
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 414
ggaagaacag cccuccucug cc

22

<210> 415
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 415
gaagagagcu ugcccuugca ua

22

<210> 416
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 416
cagcuaugcc agcaucuugc cu

22

<210> 417

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 417
gguguugcag cgcuucaugu uu 22

<210> 418
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 418
cacuuacuga gcaccuacua gg 22

<210> 419
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 419
gacuggagga agggcccaga gg 22

<210> 420
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 420
cucugcaggc ccugugcuuu gc 22

<210> 421
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 421
guucuaggau agggccaggg gc 22

<210> 422
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 422
aaggcaucau auaggagcug aa 22

<210> 423
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 423
caacaaaauc acugaugcug ga 22

<210> 424
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 424
gugagcuccu ggaggacagg ga 22

<210> 425
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 425
gcuauaaagu aacugagacg ga 22

<210> 426
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 426
gacugaccga ccgaccgauc ga 22

<210> 427
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 427

1119-10CON-PCT.ST25

cgggugcgau uucuguguga ga

22

<210> 428
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 428
cagucaggcu uggcuagau ca

22

<210> 429
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 429
agcacuggac uaggggucag ca

22

<210> 430
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 430
gaggcaggca cucgggcaga ca

22

<210> 431
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 431
aauacagcuaa uuacacugcc ua

22

<210> 432
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 432
gaaaguguau gggcuuugug aa

22

<210> 433

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 433
ggcucaaagg gcuccucagg ga

22

<210> 434
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 434
caacaaauc acaagucuuc ca

22

<210> 435
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 435
ucaggccggg acaagugcaa ua

22

<210> 436
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 436
uaccugcacg aacagcacuu ug

22

<210> 437
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 437
acuaccuca ugccccucaa gg

22

<210> 438
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 438
ccaaaaguaa cuagcacacc ac 22

<210> 439
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 439
cauuuuucgu uauugcucuu ga 22

<210> 440
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 440
gagacuagau auggaagggg ga 22

<210> 441
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 441
auacugggca cacggaggga ga 22

<210> 442
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 442
agcugggcga cccagaggga ca 22

<210> 443
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 443

1119-10CON-PCT.ST25

agagguuaag acagcagggc ug

22

<210> 444
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 444
guacuaugca accuacuacu cu

22

<210> 445
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 445
guaccccugg agauucugau aa

22

<210> 446
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 446
ucacaccuag guuccaagga uu

22

<210> 447
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 447
uuacagaugg auaccgugca au

22

<210> 448
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 448
ggaccaaucg ccgucccccgc cg

22

<210> 449

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 449
auaaggauuu uuaggggcau ua 22

<210> 450
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 450
gguucaguug uucaaccagu ua 22

<210> 451
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 451
aacuauacaa ccuacuaccu ca 22

<210> 452
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 452
cucacacuug aggucucagg ga 22

<210> 453
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 453
cuacauacuu cuuuacauuc ca 22

<210> 454
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule
<400> 454
:acaucaaag cuggcuguga ua 22

<210> 455
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 455
:aaccagcua accacacugc cu 22

<210> 456
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 456
:cugcuaguu uccacccggu ga 22

<210> 457
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 457
:augcgaauu uucacccggu ga 22

<210> 458
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 458
:cugcaagug uucacccggu ga 22

<210> 459
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 459

1119-10CON-PCT.ST25

acuccaguuu uucucccggu ga

22

<210> 460
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 460
caagcugauu uacacccggu ga

22

<210> 461
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 461
uuagcugaug uacacccggu ga

22

<210> 462
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 462
uaggugauuu uucacccggu ga

22

<210> 463
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 463
cucuguagau guuaacccgg ug

22

<210> 464
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 464
cgacagcaag uaaacuguga ua

22

<210> 465

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 465
aagcugaaug ugucucuagu ca 22

<210> 466
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 466
aagcugaaug ugucucuagu ca 22

<210> 467
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 467
ugaagagagc gacuccauga ca 22

<210> 468
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 468
ugaagagagc gccuccauga ca 22

<210> 469
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 469
cgcaucuacu gagccuaccu ca 22

<210> 470
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 470
ucugcagcuu cucguggugc uu

22

<210> 471
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 471
cccaagaaua ccagacauau ca

22

<210> 472
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 472
acauggauag gagcuacggg ua

22

<210> 473
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 473
cacggaaaca uauguacggg ug

22

<210> 474
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 474
cacggaaaca aauguacggg ug

22

<210> 475
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 475

cggaauauga agauuacggg ua 1119-10CON-PCT.ST25 22

<210> 476
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 476
ucagcagaaa cuuauacggg ua 22

<210> 477
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 477
cucagcggaa acauuacggg ua 22

<210> 478
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 478
acacagcucg aucuacaggg ua 22

<210> 479
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 479
auugccguac ugaacgaucu ca 22

<210> 480
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 480
aucauccuga uaaacgauuc ga 22

<210> 481

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 481
gaacuagaaa augugcauaa ua

22

<210> 482
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 482
agaugaguaa cggucuaa ca

22

<210> 483
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 483
cuguaagcua gauuacauau ca

22

<210> 484
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 484
uuccaacucg cuucaguguc au

22

<210> 485
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 485
ucgguaacgc uucagugua ua

22

<210> 486
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 486
ucgguuacgc uucaguguca ua

22

<210> 487
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 487
cacaucuccua aucaguguca ug

22

<210> 488
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 488
uacucuuucu aggagguugu ga

22

<210> 489
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 489
gucuacacuu uugagucuuc ga

22

<210> 490
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 490
uucuacacuu uuuaauuuuc ga

22

<210> 491
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 491

1119-10CON-PCT.ST25

uggaaacacc aacgacguau ua

22

<210> 492
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 492
cguucacuac ccaugucuuu ca

22

<210> 493
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 493
cagcuaugcc aacaucuugc cu

22

<210> 494
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 494
cugaacugcc uacaucuugc ca

22

<210> 495
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 495
uguagacugc cauucucuugc ca

22

<210> 496
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 496
ugaagccggu ugguagcuuu aa

22

<210> 497

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 497
ucaaggcuuc aucaacaacg aa

22

<210> 498
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 498
uggacagcua uggccugaug aa

22

<210> 499
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 499
agcacaaca accaggccuc ca

22

<210> 500
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 500
agcuuuggua accuagcuuu au

22

<210> 501
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 501
guucagaauc augucgaaag cu

22

<210> 502
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 502
cggcuuucaa cuaaugaucu ca

22

<210> 503
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 503
acuagcuuuc acgaugaucu ca

22

<210> 504
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 504
acuggcuuuc acgaugaucu ca

22

<210> 505
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 505
uuacugaaau uauauggugc ua

22

<210> 506
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 506
uacaauauua cauacuaccu ca

22

<210> 507
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 507

acgacuuuuc aaauacuuug ua 1119-10CON-PCT.ST25 22

<210> 508
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 508
acuguggcaa agcauucacu ua 22

<210> 509
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 509
gcacaccuga aacuuugcuc ac 22

<210> 510
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 510
ggggcauuca aacaacauau ca 22

<210> 511
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 511
guggcauuca ccgcgugccu ua 22

<210> 512
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 512
gugaauuca ugcagugcca uu 22

<210> 513

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 513
ggaaaagaua accaguguca uu

22

<210> 514
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 514
cuccuggucg cacaacuaau ac

22

<210> 515
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 515
cugccuguug aucacgagcu ua

22

<210> 516
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 516
caccgcaguu aagaugcauu ua

22

<210> 517
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 517
cccgcacaug cgcaugcuc aa

22

<210> 518
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 518
aaagguauu cucgagcaau aa

22

<210> 519
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 519
ucaggccggg gagagugcaa ua

22

<210> 520
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 520
gcgucauuac cugacaguau ua

22

<210> 521
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 521
gcuguucgag aaucucagg ga

22

<210> 522
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 522
cugaauggca ucggaguaca aa

22

<210> 523
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 523

1119-10CON-PCT.ST25

caguaccuau guguaguaca aa

22

<210> 524
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 524
caguacuuuu guguaguaca aa

22

<210> 525
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 525
agcgaagauu ugggggccag ua

22

<210> 526
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 526
gucauuucuc gcaccuaccu ca

22

<210> 527
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 527
cucgaagcaa aggccuacgc aa

22

<210> 528
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 528
auaucccgcc gcgaucguac cg

22

<210> 529

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 529
uaccacuuug uacaacaaa ga

22

<210> 530
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 530
gagcuacuug gaggggacca au

22

<210> 531
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 531
agcuccuacc cgaaacaugu aa

22

<210> 532
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 532
agaagagaau aggcucuagu ca

22

<210> 533
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 533
gagcguauc cgugcacgug ua

22

<210> 534
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 534
gcaacgcuca aaaguccugu ga 22

<210> 535
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 535
ccaugccaac aguugacugu ga 22

<210> 536
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 536
uaagagcggc accacuacuu aa 22

<210> 537
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 537
uuaccugcgg cacuacuacu ua 22

<210> 538
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 538
uggucagugu uagugaggug ug 22

<210> 539
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 539

1119-10CON-PCT.ST25

cuacagucgc gaaagauuug ca

22

<210> 540
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 540
guacagucuu cuaugcauuc ca

22

<210> 541
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 541
ucacugggua cuccugauac uc

22

<210> 542
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 542
uaaaaggauu ccucucaaaa cc

22

<210> 543
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 543
ccagauuagg augagauuua cu

22

<210> 544
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 544
uccuacaaga guucgacau ac

22

<210> 545

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 545
cacccugaaa acuaaaaagc ua 22

<210> 546
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 546
guaucagaaa acaucgagaa ac 22

<210> 547
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 547
cccauaacaa caaccacccg cc 22

<210> 548
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 548
aaauaccacc cuuccuccu ca 22

<210> 549
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 549
aagcuuugcc aaagucuugc cu 22

<210> 550
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 550
auugcagcag acacuucacg gg 22

<210> 551
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 551
caaacugcuu cuaauucuug cc 22

<210> 552
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 552
caaguuuugc cagagucuug cc 22

<210> 553
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 553
aucuccacug cuacaucaug cc 22

<210> 554
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 554
cgaaugcuuu cccacccggc ga 22

<210> 555
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 555

1119-10CON-PCT.ST25

cuuccaaaca cccaugccua ca

22

<210> 556
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 556
agcagccgac acaguacggg ca

22

<210> 557
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 557
gaauucuucc agugccauua ac

22

<210> 558
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 558
gcccuaauca guucuccguc ca

22

<210> 559
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 559
cccguuagug ucggucacaa aa

22

<210> 560
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 560
gcgcgcua cu ucagguaccu ga

22

<210> 561

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 561
auaggccggg acaagugcaa ug

22

<210> 562
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 562
aagaauugcg uuuggacaau ca

22

<210> 563
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 563
agagcacggg augaaguucc ua

22

<210> 564
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 564
gucguaccag auagugcauu ua

22

<210> 565
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 565
aaacggacga aagucccacc ga

22

<210> 566
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 566
acagcugguu gaaggggacc aa 22

<210> 567
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 567
uuaaugagug uggaucuagu ca 22

<210> 568
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 568
acaaugcgac uacaaugcac cu 22

<210> 569
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 569
uuucauaugc aacguaaaau ca 22

<210> 570
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 570
caaagagagc aauuccauga ca 22

<210> 571
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 571

1119-10CON-PCT.ST25

aaagccuagu agaggcuaga uu

22

<210> 572
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 572
cagaauuacc agcugauuu ua

22

<210> 573
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 573
uggaaucaag uugcugacuu ca

22

<210> 574
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 574
caaccagcua accacacugc ca

22

<210> 575
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 575
uuggcauuc cgcgugccu ua

22

<210> 576
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 576
augcuuuggu aaucuagcuu ua

22

<210> 577

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 577
agagcacggu auuaaguucc ua

22

<210> 578
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 578
auagccgcug ucacacgcac aa

22

<210> 579
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 579
gcacugauuu cgaauaggugc ua

22

<210> 580
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 580
cacaaguucg gauuuacggg uu

22

<210> 581
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 581
gcaggccggg acuagugcaa uu

22

<210> 582
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule

<400> 582
gcacgagugu ucggucuagu ca 22

<210> 583
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 583
cgugcaaacg auuuucaaca ca 22

<210> 584
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 584
acacaccuga aauuuugcuc aa 22

<210> 585
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 585
ugugaauucu cccagugcca ag 22

<210> 586
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 586
augaaaugaa aucgacauga aa 22

<210> 587
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 587

1119-10CON-PCT.ST25

gcaggcucca cuuaauauu ua

22

<210> 588

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 588

aucagcuuuc aaaaugaucu ca

22

<210> 589

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 589

ccaguuuccu gugaaaccua aa

22

<210> 590

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 590

cagcuauucc gacaucuugc ca

22

<210> 591

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 591

ucacauuuac aaauugagau ua

22

<210> 592

<211> 22

<212> RNA

<213> Artificial

<220>

<223> anti-microRNA molecule

<400> 592

agagcaccug augaaguaca au

22

<210> 593

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 593
ucuacagcua gaauaccaa ga 22

<210> 594
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 594
uugagaguca cuaaguaccu ga 22

<210> 595
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 595
auacagcuaa aaucaccaa ga 22

<210> 596
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 596
ucacaaguua gggucucagg ga 22

<210> 597
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 597
cgcucacuca aggagguugu ga 22

<210> 598
<211> 22
<212> RNA
<213> Artificial

1119-10CON-PCT.ST25

<220>
<223> anti-microRNA molecule
<400> 598
cucacaguau aaucuguga uu 22

<210> 599
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 599
cagcuauGCC gacauCUGc ca 22

<210> 600
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 600
uaggacaaac uuuaccCAGu gC 22

<210> 601
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 601
aaaggccggg aagugGcaa ua 22

<210> 602
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 602
ucaggccggg gaaugGcaa ua 22

<210> 603
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule
<400> 603

1119-10CON-PCT.ST25

ucagggccguc ucaagugcaa ua

22

<210> 604
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 604
ucgggcugug aaaagugcaa ua

22

<210> 605
<211> 21
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 605
ccgaacuuau uggcucgaau a

21

<210> 606
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 606
gcuuucugag caacaauc aa

22

<210> 607
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 607
cgccaguaag cggaaaaaga ca

22

<210> 608
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 608
uggauaccac cagcuguguu ca

22

<210> 609

1119-10CON-PCT.ST25

<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 609
ugagauaaac aaagcccagu ga 22

<210> 610
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 610
cccaucaaag cuggcuguga ua 22

<210> 611
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 611
ucaggauaca uucaguauac gu 22

<210> 612
<211> 22
<212> RNA
<213> Artificial

<220>
<223> anti-microRNA molecule

<400> 612
uacguauacu gaagguauac cg 22

<210> 613
<211> 23
<212> RNA
<213> Artificial

<220>
<223> 2'-O-methyl microRNA molecule

<220>
<221> misc_structure
<222> (23)..(23)
<223> 3' aminolinker attached to the a nucleotide at position 23

<400> 613
gucaacauca gucugauaag cua 23

1119-10CON-PCT.ST25

<210> 614
<211> 21
<212> RNA
<213> Artificial

<220>
<223> 2'-O-methyl antisense molecule

<220>
<221> misc_structure
<222> (21)..(21)
<223> 3' aminolinker attached to the u nucleotide at position 21

<400> 614
aaggcaagcu gaccugaag u 21

<210> 615
<211> 21
<212> RNA
<213> Artificial

<220>
<223> 2' o- methyl reverse sequeunce

<220>
<221> misc_structure
<222> (21)..(21)
<223> 3' aminolinker attached to the a nucleotide at position 21

<400> 615
ugaaguccca gucgacgga a 21

<210> 616
<211> 26
<212> DNA
<213> Artificial

<220>
<223> 2'-deoxy microRNA molecule

<220>
<221> misc_structure
<222> (26)..(26)
<223> 3' aminolinker attached to the g nucleotide at position 26

<400> 616
gtcaacatca gtctgataag ctagcg 26

<210> 617
<211> 24
<212> DNA
<213> Artificial

<220>
<223> 2'-deoxy antisense molecule

<220>

1119-10CON-PCT.ST25

<221> misc_structure

<222> (24)..(24)

<223> 3' aminolinker attached to the g nucleotide at position 24

<400> 617

aaggcaagct gaccctgaag tgcg

24

<210> 618

<211> 88

<212> DNA

<213> Artificial

<220>

<223> primer

<400> 618

gaacaattgc ttttacagat gcacatatcg aggtgaacat cacgtacgtc aacatcagtc 60

tgataagcta tcggttgga gaagctat 88

<210> 619

<211> 90

<212> DNA

<213> Artificial

<220>

<223> primer

<400> 619

ggcataaaga attgaagaga gttttcactg catacgacga ttctgtgatt tgtattcagc 60

ccatatcggtt tcatagcttc tgccaaccga 90

<210> 620

<211> 35

<212> DNA

<213> Artificial

<220>

<223> primer

<400> 620

taatacgact cactatagaa caattgcttt tacag 35

<210> 621

<211> 35

<212> DNA

<213> Artificial

<220>

<223> primer

<400> 621

atttaggtga cactatagga ataaagaatt gaaga 35

<210> 622

<211> 33

<212> DNA

1119-10CON-PCT.ST25

<213> Artificial

<220>

<223> synthetic oligonucleotide molecule

<400> 622

ggcctcaaca tcagtctgat aagctaggta cct

33

<210> 623

<211> 33

<212> DNA

<213> Artificial

<220>

<223> synthetic oligonucleotide molecule

<400> 623

ggccaggtac ctagcttatc agactgatgt tga

33